EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	60	("1528283" | "20040104246" | "3001525" | "3542240" | "3599836" | "4022258" | "4296786" | "4544336" | "4560382" | "4826500" | "4881662" | "4888008" | "4895275" | "4921138" | "4997429" | "5003751" | "5531681" | "5960992" | "5993422" | "6139534" | "6223924" | "6336912" | "6382462" | "6422412" | "6485479" | "7232044"). PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/22 15:47
S2	2	(("20040104246") or ("4,881,662")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/22 16:17
S3	19	("5141133" | "5147070" | "5297696" | "5366114" | "5405053" | "5482176"). PN. OR ("5960992"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/22 16:32
S4	25	("4483464" | "4493438" | "4624392" | "5020690"). PN. OR ("5141133"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/22 16:34
S5	4	"6,485,479"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 08:59
S6	1	("4881662").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/23 09:00
S7	29	("1401584" | "1618720" | "3114480" | "3184107" | "3333737" | "3549049" | "3973698" | "4712714"). PN. OR ("4881662"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:00
S8	5	("1618720").URPN.	USPAT	OR	ON	2009/05/23 09:04
S9	7	("3549049").PN. OR ("3973698").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:05

S10	2	("1528283").URPN.	USPAT	OR	ON	2009/05/23 09:08
S11	15	("2001481" | "2007449" | "2015158" | "2023397" | "3114480").PN. OR ("3599836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:09
S12	152	(222/90).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/23 09:13
S13	32	S12 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/23 09:14
S14	21	("0918117" | "2373373" | "3474933" | "4325496" | "4610374" | "5152438" | "5249708" | "5402915" | "5467896").PN. OR ("5884810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:16
S15	18	("1889557" | "3813009" | "4234103" | "4640424" | "4801007" | "5325995" | "5397026" | "5551606" | "5645913" | "5718383" | "5855223" | "5855298" | "5934048").PN. OR ("6223940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:18
S16	36	("2508481" | "2876113" | "3146904" | "3189171" | "3214102" | "3255923" | "3266910" | "3411648" | "3747791" | "3874554" | "3991912" | "4301934" | "4558792").PN. OR ("4801007").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/23 09:19
S17	1	("4,997,429").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/23 09:54
S18	15	(brick adj (pack pac pak) tetrapak tetrapack tetrapac) and (twist$3 rotat$3 thread$3 screw $3) with (tear torn tearer tearing tearable ruptureable rupturable pierce pierced piercer piercable piercible piercing break breaker broken breaking breakable perforate perforated perforation perforatable penetrate penetrating penetrated penetratation	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 06:38

		penetratable penetrater puncture puncturing punctured puncturable puncturer punch puncher punching punched stab stabbing stabbed stabbable stabber frangable frangible)				
S19	1	("6422412").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/25 06:45
S20	8	("5027979" | "5141133" | "5255813" | "5303837"). PN. OR ("6422412"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/25 06:45
S21	25	("4483464" | "4493438" | "4624392" | "5020690"). PN. OR ("5141133"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/25 06:47
S22	59	(brick adj (pack pac pak) tetrapak tetrapack tetrapac) and (internal internally inside inmost inner interior intermediate) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 07:56
S23	53	(brick adj (pack pac pak) tetrapak tetrapack tetrapac) and(spike pointed pointy point probe probing probed prober insert insertion inserting inserter inserted insertable) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 08:00
S25	45	S23 not S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 08:00

S26	15	("2001481" | "2007449" | "2015158" | "2023397" | "3114480").PN. OR ("3599836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/25 08:12
S27	20	(tetrabrik combibloc) and (internal internally inside inmost inner interior intermediate) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 08:44
S29	1	("5,993,422").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/25 08:47
S30	4	(tetrabrik combibloc) and (spike pointed pointy point probe probing probed prober insert insertion inserting inserter inserted insertable) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 08:50
S33	65	(brick adj (pack pac pak) tetra adj (brik pak prisma recart square top) tetrabrik tetrapak tetraprisma tetrarecart tetrasquare tetratop elopak pure adj pak purepak) and(spike pointed pointy point probe probing probed prober insert insertion inserting inserter inserted insertable) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable) not (S22 S23 S27 S30)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 09:07

S34	256	(brick adj (pack pac pak) tetra adj (brik pak prisma recart square top) tetrabrik tetrapak tetraprisma tetrarecart tetrasquare tetratop elopak pure adj pak purepak) and (internal internally inside inmost inner interior intermediate) with (bond bonded bonder bonding bound adhere adhered adhesive adhesion adhesively adhering glue glued gluer gluing sticky affix affixed affixing affixable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 09:08
S35	165	S34 not S33 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/25 09:08
S36	1	("3,001,525").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 08:48
S37	967	enteral and intermediate and bag	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:52
S39	380	S37 and view$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:53
S40	291	S39 and sampl$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:53
S41	347	S39 and volume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:53
S42	245	S41 and ensur$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:53

S43	173	S42 and confirm$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:53
S44	36	S43 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:54
S45	158	S39 and feed$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:55
S46	54	S45 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:56
S47	12	enteral and intermediate with bag	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:58
S48	1265	feed$3 and intermediate with bag	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:59
S49	22	feed$3 same (nutrient nutrition) and intermediate with bag	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 08:59
S50	202	feed$3 same (nutrient nutrition) and (additional second$3 middle reservoir) with bag	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 09:00
S51	90	S50 and @ay<"2003" not (S44 S46 S49)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 09:01
S52	20	("2969063" | "2999387" | "3090532" | "3239096" | "3985135" | "4432763"). PN. OR ("4529102"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 09:02
S53	10	("2969063").URPN.	USPAT	OR	ON	2009/05/26 09:03

S54	15	("2969063" | "3000540" | "3543752").PN. OR ("3844283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 09:06
S55	50	(("20040153047") or ("4426004") or ("4840017") or ("5323896") or ("RE36412") or ("4372550") or ("4496417") or ("4572752") or ("4593894") or ("4614079") or ("4947686") or ("4984688") or ("5250134") or ("5340628") or ("5437477") or ("5695600") or ("5769224") or ("6076677") or ("6268029") or ("6329465") or ("5822475") or ("4763188") or ("5306670") or ("5432677") or ("5761048") or ("5314405") or ("5372578") or ("5303751") or ("4631637") or ("5273797") or ("4808421") or ("6007666") or ("4270658") or ("4380485") or ("4395254") or ("4525396") or ("4610739") or ("4883697") or ("4888717") or ("4942817") or ("4943780") or ("4960216") or ("5456968") or ("5702015") or ("5989696") or ("4263360") or ("4267768") or ("4321297") or ("4348450") or ("4450959")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 09:21
S56	1	("4544336").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 09:34

S57	1	("4296786").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 09:35
S58	80	("2168734" | "2677373" | "2814296" | "2825334" | "3021942" | "3033202" | "3245567" | "3316908" | "3336924" | "3368557" | "3545607" | "3833248" | "3938520" | "3995630" | "4011288").PN. OR ("4296786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 09:37
S59	401	(enteral enteric) and (spike pointed pointy point probe probing probed prober insert insertion inserting inserter inserted insertable) with valv$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 09:39
S60	190	S59 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 09:40
S61	182	S60 not (S44 S46 S49 S58)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 09:40
S63	1	("4888008").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 09:44
S64	19	("2409343" | "2668533" | "2817372" | "2852024" | "3507395" | "3542240" | "4332247" | "4505709" | "4534758" | "4588403").PN. OR ("4888008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 09:44
S65	2	("2668533").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 09:47
S66	12566	(brick tetra combi elo) near (pack pac pak block bloc brik bric brick prisma wedge rex fino recart king top laval) purepak elopak	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:11
S67	1658	S66 and (fluid nutrition $3 milk liquid fluid formula) with (stor$3 dispens$4 preserv$5 ship $4 process$3 distribut$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:13

S68	27	S67 and enteral	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:13
S69	36	S66 and enteral	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:20
S70	9	S69 not S68	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:20
S71	7	S70 not (inhibitor analog amino adj acid nucleotide enzyme polypeptide peptide peptides organo-nucleic polymer vector gene antibodies antibody g-protein albumin protease proteases oglionucliotide oglionuclioid atpase synthase ubiquitin nitric nitrous derivative metabolite isomer polynucleotide transcriptase interleukin agonist antagonist (necrosis growth) near3 factor gamma chimeric stem adj cell recombinant kinase transgenic human adj secreted).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:21
S72	18	("1355010" | "2598843" | "3278083" | "3990597" | "4375864" | "4390017" | "5141134" | "5348217" | "5407099" | "5497909" | "5531681" | "5735841" | "5823422" | "5855298" | "6378730").PN. OR ("7322492").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 08:37
S73	137	enteral with (brick tetra combi elo pack pac pak block bloc brik bric brick prisma wedge rex fino recart king top laval purepak elopak)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:40

S74	135	S73 not (inhibitor analog amino adj acid nucleotide enzyme polypeptide peptide peptides organo-nucleic polymer vector gene antibodies antibody g-protein albumin protease proteases oglionucliotide oglionuclioid atpase synthase ubiquitin nitric nitrous derivative metabolite isomer polynucleotide transcriptase interleukin agonist antagonist (necrosis growth) near3 factor gamma chimeric stem adj cell recombinant kinase transgenic human adj secreted).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:40
S75	80	S74 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:41
S76	80	S75 not (inhibitor analog amino adj acid nucleotide enzyme polypeptide peptide peptides organo-nucleic polymer vector gene antibodies antibody g-protein albumin protease proteases oglionucliotide oglionuclioid atpase synthase ubiquitin nitric nitrous derivative metabolite isomer polynucleotide transcriptase interleukin agonist antagonist (necrosis growth) near3 factor gamma chimeric stem adj cell recombinant kinase transgenic human adj secreted).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 08:41
S77	17	("2491516" | "3001525" | "3092106" | "4479274" | "4588396" | "4655763" | "4699296" | "4787890"). PN. OR ("4895275"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 08:54

S78	26	("0803469" | "1417141" | "2218285" | "2816692" | "3229678" | "3239104" | "3288332" | "3880311" | "4257748").PN. OR ("4699296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 09:36
S79	27	("2986142" | "3108717" | "3229678" | "3311267" | "3311268" | "3902932" | "4085866" | "4201208" | "4269332" | "4411661" | "4684038" | "4699296" | "4753639" | "4798605").PN. OR ("4921138").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 09:38
S80	46	("1248251" | "2817372" | "4201208" | "4257535" | "4432765" | "4469249" | "4473369" | "4493438" | "4567999" | "4606734" | "4624392").PN. OR ("4798605").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 09:42
S82	43	("1615873" | "2409343" | "2626855" | "2671028" | "2817372" | "3067015" | "3346464" | "3373735" | "4058121" | "4282863" | "4473094").PN. OR ("4655763").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 10:23
S83	25	("2177874" | "3549049" | "3662752" | "3973698" | "4655763").PN. OR ("4826500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 10:26
S84	671	S66 and (elastic elastically elasticized elastomer elastomeric elastomerically extendible extensible flexible flexibility pliable pliability resilient resiliency resiliency rubberlike rubber rubbery rubberlike springy springlike stretch stretchy stretchable yielding yieldable deformed deformer deform deformable deforming deformable) with (flank flanked flanking margin margined margining perimeter periphery peripherally peripheral rim sect wing lateral laterally lesser skirt	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:38

		$3 edge edged edging edger flange flanged flanging lip lipped lipping)				
S85	598	S84 and (spike pointed pointy point piercer piercing syringe needle probe probing probed prober insert insertion inserting inserter inserted insertable expulse expulsion expulsing expulser expulsed expulsable extend extender extended extending extension)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:39
S86	110	S85 and (fluid nutrition $3 milk liquid fluid formula) with (stor$3 dispens$4 preserv$5 ship $4 process$3 distribut$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:40
S87	5194	(elastic elastically elasticized elastomer elastomeric elastomerically extendible extensible flexible flexibility pliable pliability resilient resiliency resiliency rubberlike rubber rubbery rubberlike springy springlike stretch stretchy stretchable yielding yieldable deformed deformer deform deformable deforming deformable) with (flank flanked flanking margin margined margining perimeter periphery peripherally peripheral rim sect wing lateral laterally lesser skirt $3 edge edged edging edger flange flanged flanging lip lipped lipping) with (nozzle spout faucet spigot tap outlet aperture) and (spike pointed pointy point piercer piercing syringe needle probe probing probed prober insert insertion inserting inserter inserted insertable expulse expulsion expulsing	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:46

		expulser expulsed expulsable extend extender extended extending extension) and (fluid nutrition$3 milk liquid fluid formula) with (stor$3 dispens$4 preserv $5 ship$4 process$3 distribut$3)				
S88	1039	S87 and (enteral$2 juice milk nutrition$2 nutriment $2 comestible formula medicament drug medicinal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:48
S90	604	S88 and @ay<"2003" not (S77 S78 S79 S80 S81 S82 S83 S86 S68 S69)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:49
S91	602	S90 not (inhibitor analog amino adj acid nucleotide enzyme polypeptide peptide peptides organo-nucleic polymer vector gene antibodies antibody g-protein albumin protease proteases oglionucliotide oglionuclioid atpase synthase ubiquitin nitric nitrous derivative metabolite isomer polynucleotide transcriptase interleukin agonist antagonist (necrosis growth) near3 factor gamma chimeric stem adj cell recombinant kinase transgenic human adj secreted).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:49
S92	538	S91 and (spike pointed pointy point piercer piercing syringe needle probe probing probed prober insert insertion inserting inserter inserted insertable expulse expulsion expulsing expulser expulsed expulsable extend extender extended extending extension) with (disburs$3 distribut $3 measur$3 portion$3 supply$3 administer$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:50

		apply$3 discharg$3 deliver$3 provid$3 releas$3 discharg$3 pour$3 emit$4 dispens$3)				
S93	484	S92 and (spike pointed pointy point piercer piercing insert insertion inserting inserter inserted insertable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:53
S94	484	S93 and (box holder repository vessel receptacle bin case casing caseing encased encasing encaseing housed housing chest bag canister capsule chamber cover covering covered coverer container compartment reservoir ampoule ampule vial phial bottle tank pack packer packed packing packable package packaged packager packaging packagable chamber chambered chambering)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:53
S95	484	S94 and (opening orifice fissure gap outlet passage rift slit slitting slitted slot slotted slotting space vent aperture cavity hollow hollowed hollowing punctur$3 split$4 tunnel $3 void window windowed windowing annulus hole perforated perforation perforating cut $4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:54
S96	471	S95 and (hole channel channeled channeler channeling channelable conductor conducted conducter conducting conductable coursed coursing duct ducted ducting ductable flow lumen lumenal passage passaging pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:55

S97	454	S96 and (flank flanked flanking margin margined margining perimeter periphery peripherally peripheral rim sect wing lateral laterally lesser skirt $3 edge edged edging edger flange flanged flanging lip lipped lipping) with (internal internally inside inmost inner interior intermediate middle middlemost midmost midway within contained containing seated seating reside residing resided housed housing occupy occupied occupying between through past passed passing)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:58
S98	31	("3973698" | "4214675" | "4257535" | "4265372" | "4316555" | "4322018" | "4355737" | "4375864" | "4441631" | "4469249" | "4493438" | "4516691" | "4530525" | "4589185" | "4696411" | "5325995" | "5393101" | "5497909" | "5553740" | "5636771" | "5671770" | "5732853" | "5810398" | "5855223" | "5878915" | "5967368" | "6021923").PN. OR ("6378730").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 11:06
S99	7	("3549049").PN. OR ("3973698").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 11:13
S100	25	("2177874" | "3549049" | "3662752" | "3973698" | "4655763").PN. OR ("4826500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 11:14
S101	19	("2724884" | "4411720" | "4909434").PN. OR ("5125886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 11:51
S102	779	(222/83).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/29 12:09

S104	380	S102 and (elastic elastically elasticized elastomer elastomeric elastomerically extendible extensible flexible flexibility pliable pliability resilient resiliency resilliency rubberlike rubber rubbery rubberlike springy springlike stretch stretchy stretchable yielding yieldable deformed deformer deform deformable deforming deformable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:09
S105	308	S104 and @ay<"2003"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:09
S107	285	S105 and @ay<"2003" not (S77 S78 S79 S80 S81 S82 S83 S86 S68 S69 S99 S100 S101 S97)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:10
S108	260	S102 and (elastic elastically elasticized elastomer elastomeric elastomerically extendible extensible flexible flexibility pliable pliability resilient resiliency resilliency rubberlike rubber rubbery rubberlike springy springlike stretch stretchy stretchable yielding yieldable deformed deformer deform deformable deforming deformable) with (disc disk disck closure closing seal$3 coupling gasket o adj ring "o-ring" "o ring" ring gasket gasketed gasketing gasketer washer bushing)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:16
S109	71	S108 not S107	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 12:16

S110	61	("1316122" | "1364889" | "1889557" | "20040104246" | "2655286" | "3239104" | "3255923" | "3587934" | "3688950" | "3813009" | "3848776" | "4318497" | "4322465" | "4527716" | "4561560" | "4755292" | "4795062" | "4801007" | "4846236" | "4865218" | "4907722" | "5029734" | "5050775" | "5141134" | "5224619" | "5281027" | "5325995" | "5334180" | "5505336" | "5551606" | "5567322" | "5573047" | "5645913" | "5691015" | "5746347" | "5944232" | "5967197" | "5975359" | "6026988" | "6095433" | "6098844" | "6116467" | "6149034" | "6207046" | "6223940" | "6228011" | "6398073" | "6442960" | "6557735" | "6726061" | "6883683" | "D361838"). PN. OR ("7188749"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 14:36
S111	1	DE adj "3906418"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 14:39
S113	2	(("5855298") or ("3990597")).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/29 14:40
S114	50	("1465617" | "1538273" | "2109720" | "2245698" | "2453133" | "2552155" | "2585538" | "2655286" | "2751119" | "3044649" | "3239104" | "3838784" | "3902652" | "3970121" | "4040389" | "4341328" | "4557399" | "4801007" | "4881662" | "5303732" | "5325995").PN. OR ("3990597" | "5855298"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 14:41

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